

Figure 1A



**Figure 1B**

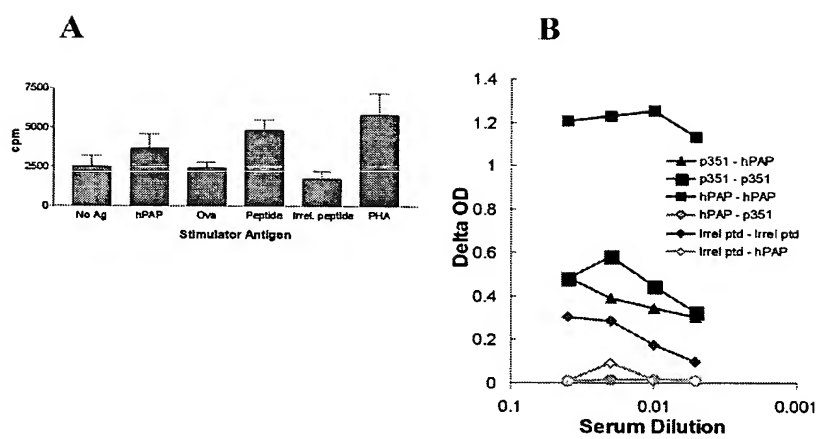
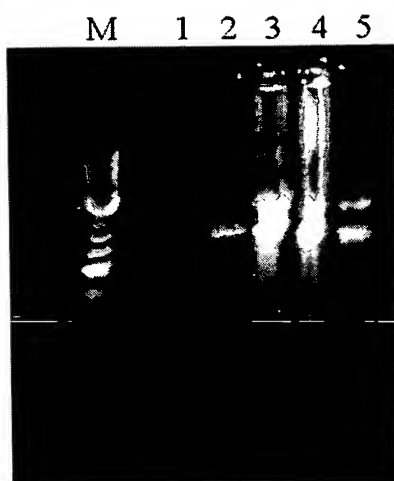
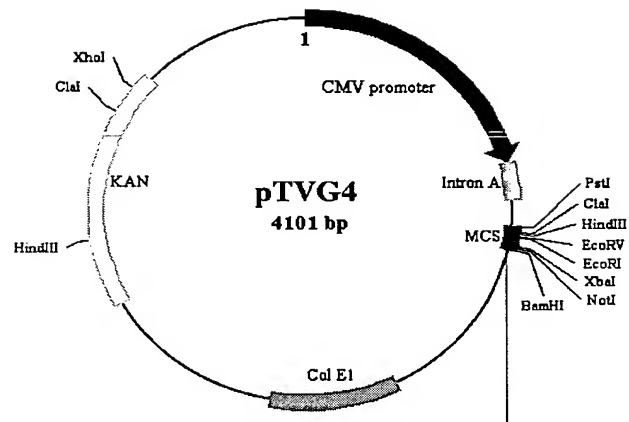


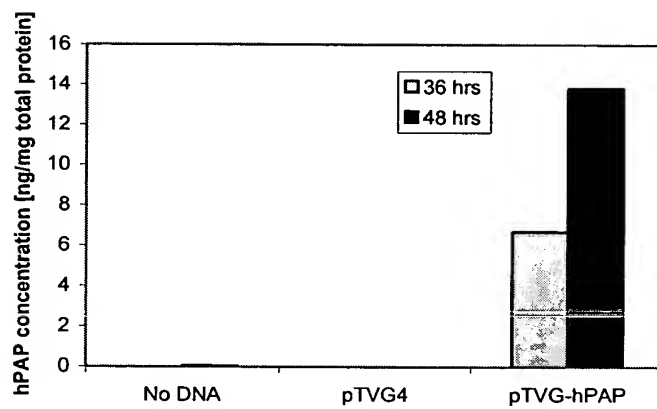
Figure 2



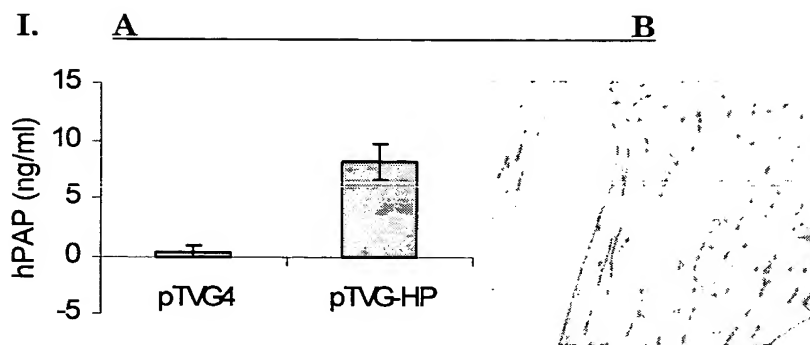
**Figure 3**



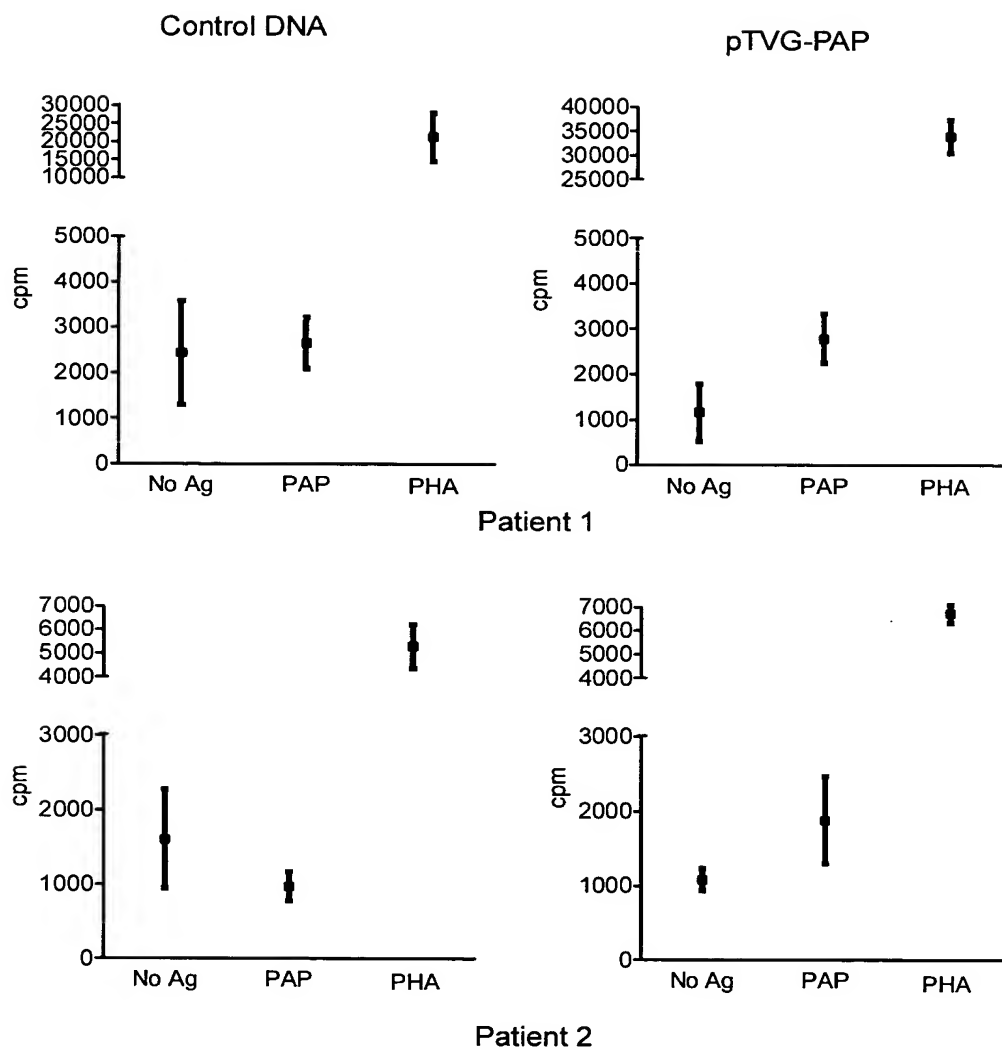
**Figure 4**



**Figure 5**



### Figure 6



**Figure 7**



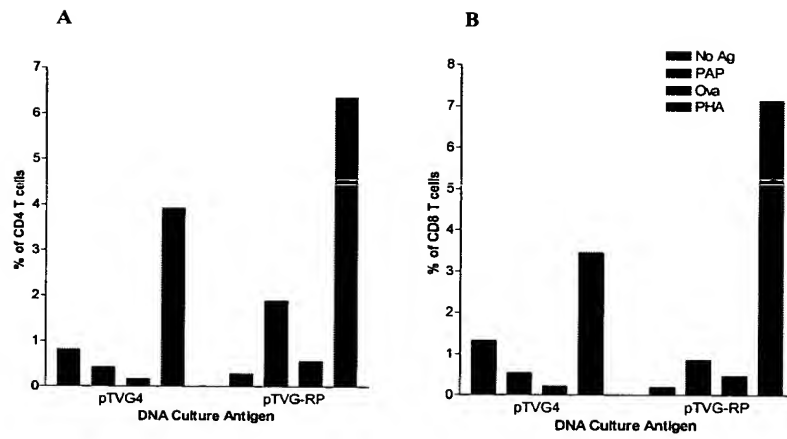
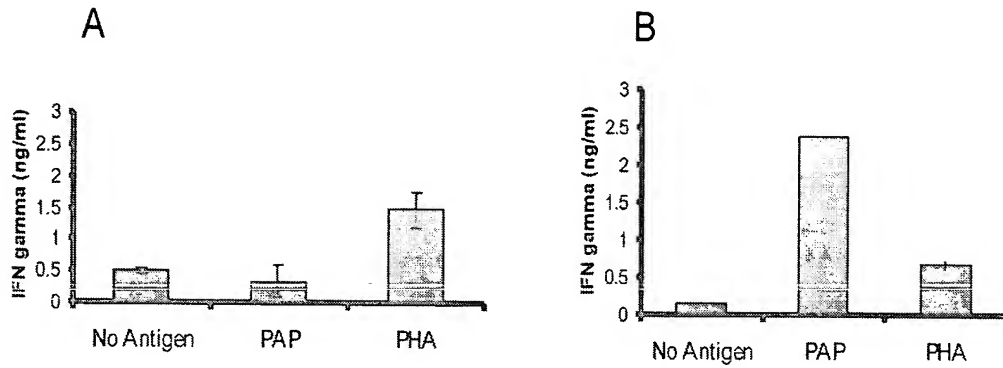
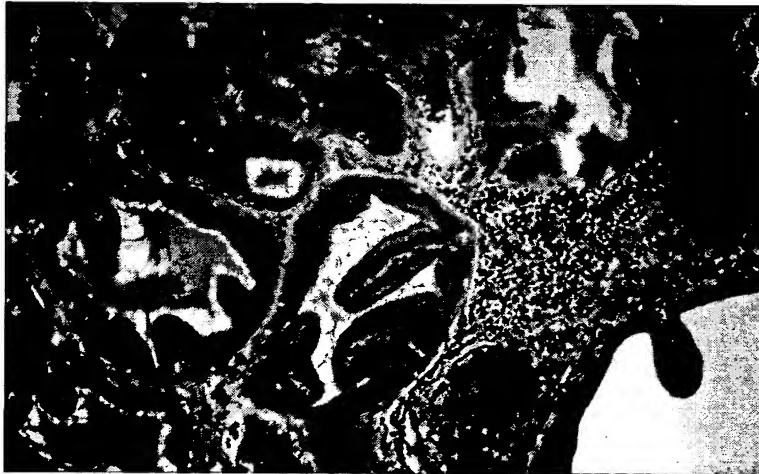


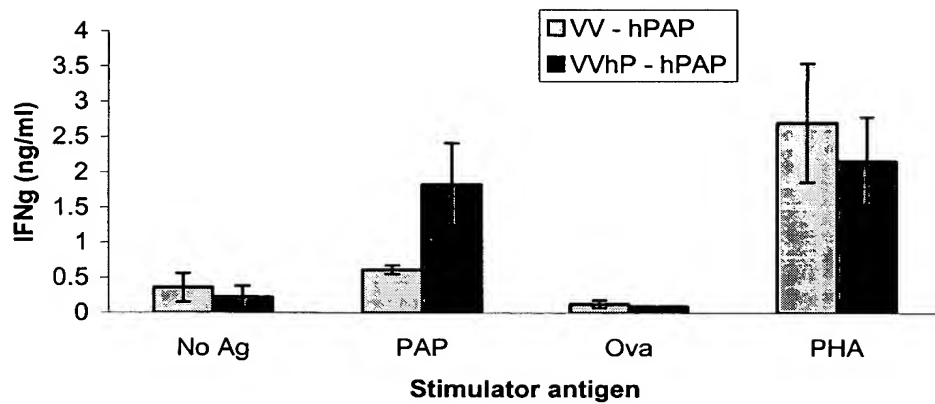
Figure 8



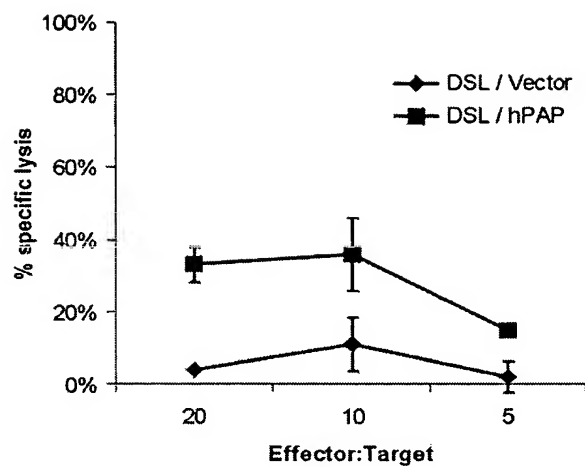
**Figure 9A**



**Figure 9B**



**Figure 10**



**Figure 11**

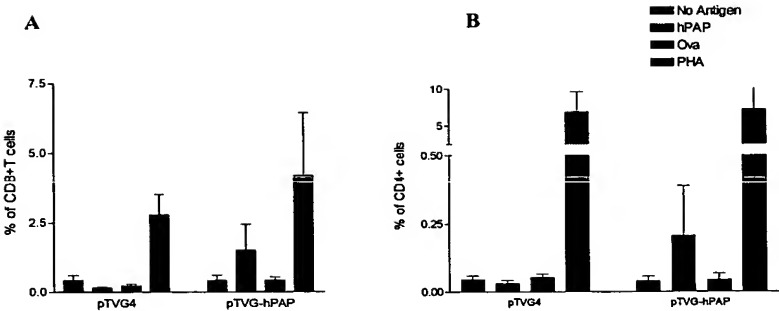


Figure 12

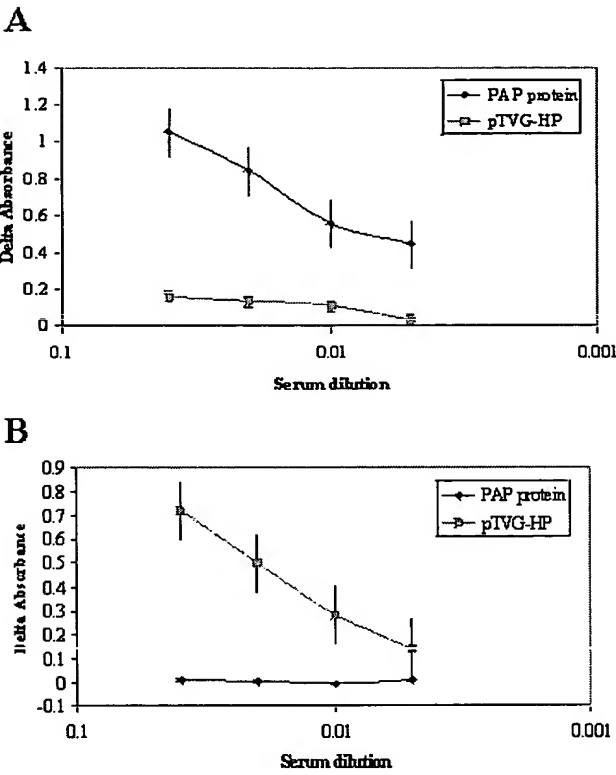


Figure 13

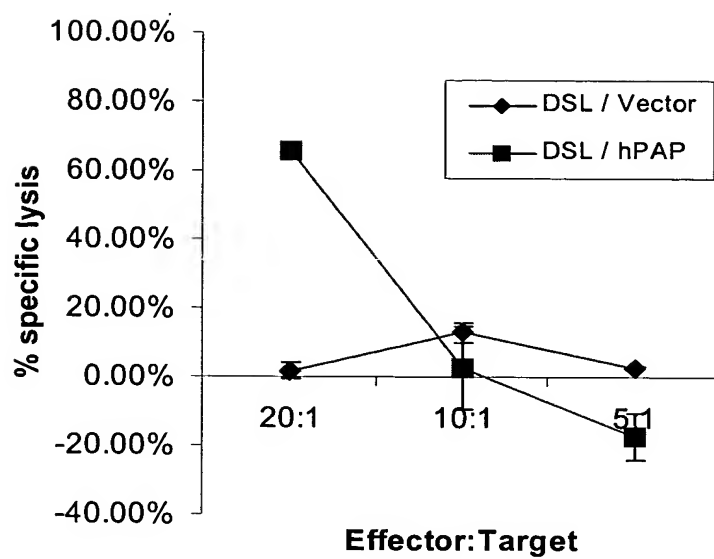
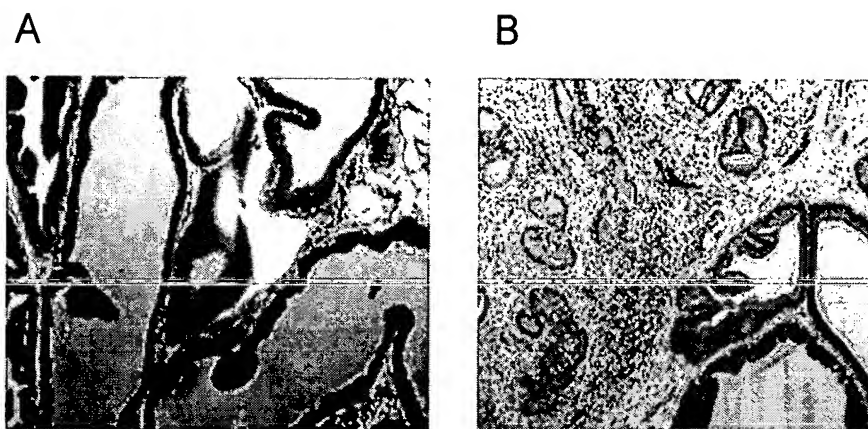


Figure 14



**Figure 15**



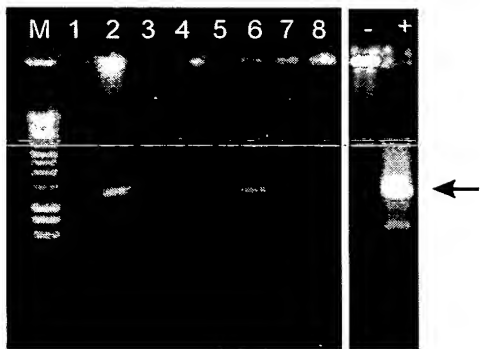
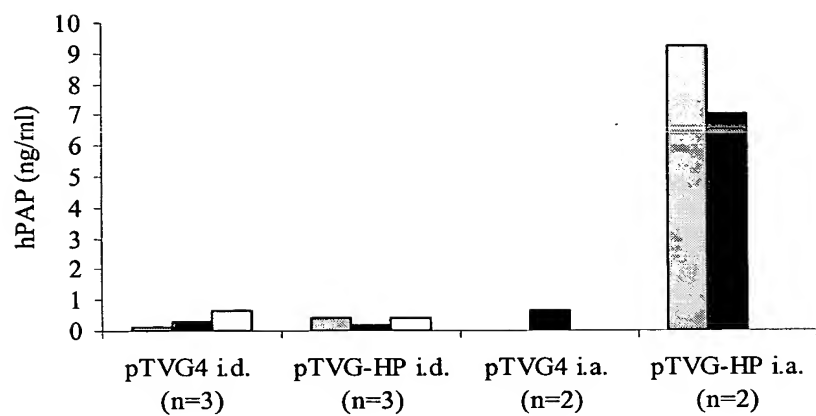


Figure 16



**Figure 17**

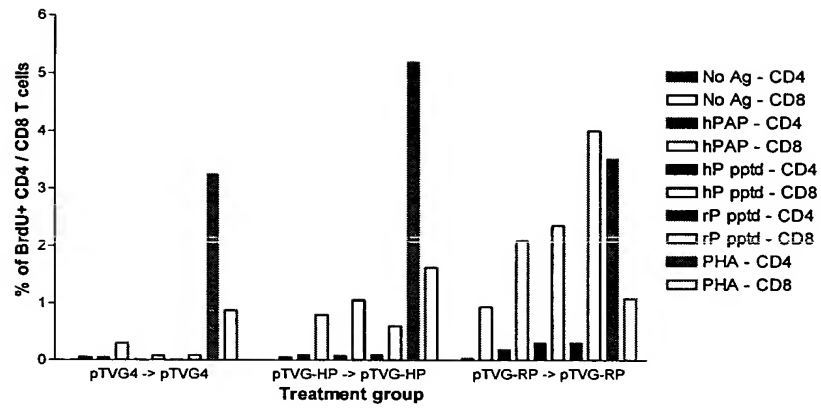


Figure 18

Comparison of Human, Rat, and Mouse  
Prostatic Acid Phosphatase Amino Acid Sequences

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1      MRVAVPLPLSR TASLSLGFL LLSLCLDPGQ .AKELKFVTL VFRHGDRGPI ETFPDTPITE
      |||:| | | | |||||: | | : | | | ||||| | | :||| | | |
1      MRAAPLLLAR AASLSLGFLF LLFFWLDRSV LAKELKFVTL VFRHGDRSPI DTFPTDPIKE
      |||:| | | | |||:| | | | | | : | | | ||||| | | :||| | | |
1      MRVAVPLHLVG TASLTGLGFL LLSLRLDPGQ .AKELKFVTL VFRHGDRGPI ETFPNDPIKE

60     SSWPQGFQQL TQWGMQHYE LGSYIRKRYG RFLNDTYKHD QIYIRSTDVD RTILMSAMTNL
      ||||| | | | | | | | | | | | | | | | | | | | | | | | | | |
61     SSWPQGFQQL TQLGMEQHYE LGEYIRKRYR KFLNESYKHE QVYIRSTDVD RTILMSAMTNL
      ||||| | | | | | | | | | | | | | | | | | | | | | | | | | |
60     SSWPQGFQQL TKWGMQHYE LGSYIRRRYR RFLNNSYKHD QVYIRSTDVD RTILMSAMTNL

120    AALFPPEGIS IWNPRLLWQP IPVHTVSLSE DRLLYLPFRD CPRFEELKSE TLESEEFLLKR
      ||||| | | | | | | | | | | | | | | | | | | | | | | | | | |
121    AALFPPEGVS IWNPIILLWQP IPVHTVPLSE DQLLYLPFRN CPRFQELESE TLKSEEFQKR
      ||||| | | | | | | | | | | | | | | | | | | | | | | | | | |
120    AALFPPEGIS IWNPRLLWQP IPVHTVSLSE DRLLYLPFRD CPRFQELKSE TLKSEEFLLKR

180    LHPYKSFLDT LSSLSGFDDQ DLFGIWSKVY DPLFCESVHN FTLPSWATED AMIKLKELSE
      |||| | | : | | | | : | | | | | | | | | | | | | | | | | | | |
181    LHPYKDFIAT LGKLSGLHGQ DLFGIWSKVY DPLYCESVHN FTLPSWATED TMTKLRELSE
      | : || | | | | | | | | | | | | | | | | | | | | | | | | | |
180    LQPYKSFIDT LPSSLGFEDQ DLFEIWSRLY DPLYCESVHN FTFRTWATED AMTKLKELSE

240    LSLLSLYGIH KQKEKSRLQG GVLVNEILKN MKLATQPQKY KKLVMYSAHD TTVSGLQMAL
      ||||| | | | | | | | | | | | | | | | | | | | | | | | | | |
241    LSLLSLYGIH KQKEKSRLQG GVLVNEILNH MKRATQIPSY KKLIMYSAHD TTVSGLQMAL
      ||||| | | | | | | | | | | | | | | | | | | | | | | | | | |
240    LSLLSLYGIH KQKEKSRLQG GVLVNEILKN MKLATQPQKA RKLIMYSAYD TTVSGLQMAL

300    DVYNGVLPPY ASCHMMELYH DKGGHFVEMY YRNETQNEPY PLTLPGCTHS CPLEKFAELL
      ||||| : || | | | | : | | | | | | | | | | | | | | | | | | | |
301    DVYNGLLPPY ASCHLTELYF EKGEYFVEMY YRNETQHEPY PLMLPGCSPS CPLERFAELV
      : : ||||| | | | | | : | | | | | | | | | | | | | | | | | | | |
300    ELYNGLLPPY ASCHIMELYQ DNGGTFVEMY YRNETQNEPY PLTLPGCTHS CPLEKFAELL

360    DPVISQDWAT ECMATSSHQG RN (mouse) 81.6% identical
      || | | | | | | | | | | | | | | | | | | | | | | | | | | |
361    GPVIPQDWST ECMTTNSHQG TEDSTD (human) 87.9% homologous
      ||||| | | | | | | | | | | | | | | | | | | | | | | | | |
360    DPVIPQDWAT ECMGTSNHQA SL (rat) 79.8% identical
      ||||| | | | | | | | | | | | | | | | | | | | | | | | | |
      87.4% homologous

```

**Figure 19**

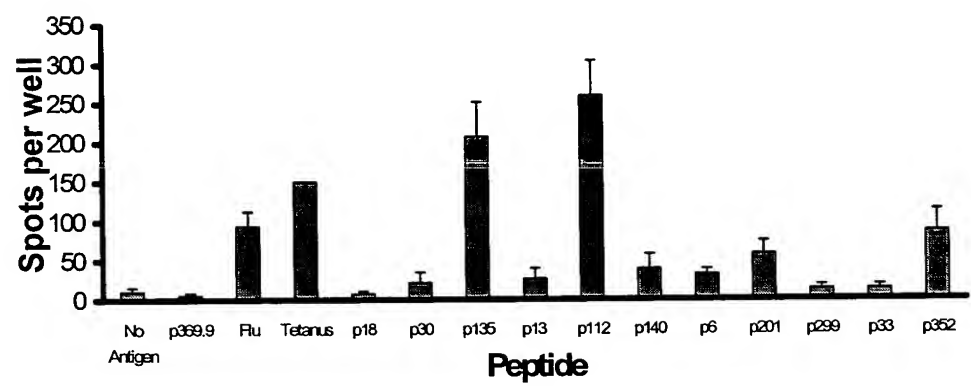


Figure 20

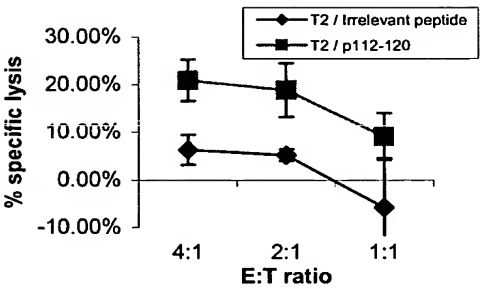
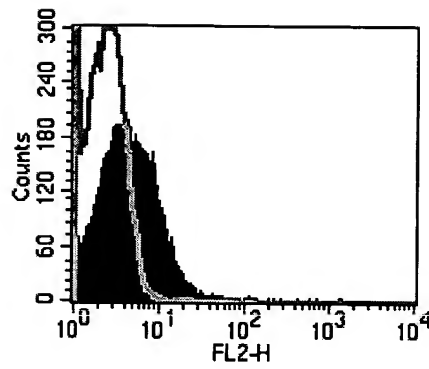


Figure 21



**Figure 22**